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RIGHT TO INFORMATION

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THE TELANGANA GAZETTE

PART-I EXTRAORDINARY

PUBLISHED BY AUTHORITY

No. 175-A] **HYDERABAD, THURSDAY, JUNE 4, 2015.**

NOTIFICATIONS BY GOVERNMENT

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ENVIRONMENT, FORESTS, SCIENCE AND TECHNOLOGY DEPARTMENT

(Env.)

FEE PAYABLE TO TELANGANA STATE POLLUTION CONTROL BOARD IN RESPECT OF ANALYSIS FOR VARIOUS ANALYTICAL PARAMETERS AND SAMPLING CHARGES FOR THE WATER, WASTE WATER, SOIL, HAZARDOUS WASTE, AIR/FUGITIVE EMISSIONS, SOURCE EMISSION, NOISE MONITORING, AUTO EXHAUST MONITORING AND AMBIENT AIR QUALITY MONITORING.

[G.O.Ms.No. 26, Environment, Forests, Science & Technology (Env.), 4th June, 2015.]

In exercise of powers conferred under sub-section (2) of Section 52 of the Water (Prevention and Control of Pollution) Act, 1974 read with the rule 28 of the Telangana State Water (Prevention and Control of Pollution) Rules, 1976 and sub-section (2) of section 28 of the Air (Prevention and Control of Pollution) Act, 1981 read with Rule 34 of the Telangana State Air (Prevention and Control of Pollution) Rules, 1982, the Governor of Telangana hereby authorize the Telangana State Pollution Control Board to collect the fee in respect of analysis for various analytical parameters and sampling charges for the water, waste water, soil, hazardous waste, air/fugitive emissions, source emission, noise monitoring, auto exhaust monitoring and ambient air quality monitoring as per the price list Annexed to this Notification as per the prevailing rates of Central Pollution Control Board, subject to revision in rates from time to time.

ANNEXURE

(G.O.Ms.No. 26, EFS&T (Env.) Dept., Dt.04-06-2015)

SCHEDULE OF SAMPLING AND ANALYSIS CHARGES

A. SAMPLING CHARGES

i. Sampling charges for ambient air / fugitive emission samples:

S.No.	Type of sampling	Charges in Rs.
1.	**Air monitoring:**	
	a. Sampling (upto each 8 hrs.) for suspended particulate matter and gaseous pollutants.	2000.00
	b. Sampling (24 hrs.) for suspended particulate matter and gaseous pollutants.	6000.00
	c. Sampling of volatile organic compounds (VOCs) benzene, toluene, xylene	2000.00
	d. Sampling of polyaromatic hydrocarbons (PAHs)	2500.00

Note: *(i). Transportation charges will be separate on actuals.*
(ii). Sample analysis charges of respective parameters will be extra as per list.

ii. Source emission monitoring / sampling charges:

Type of sampling	Charges in Rs.
a. Sampling / measurement of velocity, flow rate, temp. and molecular weight of flue gas (each specific location / each sample in duplicate for the mentioned parameter)	5500.00
b. Sampling of SO2 / NO2	2000.00
c. Sampling of PAHs	3000.00
d. Sampling of VOCs / BTX	3500.00

Note: *(i). Transportation charges will be separate on actuals.*
(ii). Sample analysis charges of respective parameters will be extra as per list.

iii. Noise monitoring:

Type of sampling	Charges in Rs.
First monitoring	4000.00
Each subsequent monitoring within same premises	2000.00
For 08 hours continuous monitoring or more	10,000.00

Note: *(i). Transportation charges will be separate on actuals.*
(ii). Sample analysis charges of respective parameters will be extra as per list.

iv. Sampling charges for water and wastewater samples:

S.No.	Type of sampling	Charges in Rs.
1.	**Grab sampling:**	
	1. Grab sampling / sample / place	550.00
	2. For every additional grab sampling at same point	250.00
2.	**Composite sampling:**	
	1. Composite sampling / source / place upto 8 hrs.	1000.00
	- do - upto 16 hrs	2000.00
	- do - upto 24 hrs	3000.00
	2. For every additional composite sampling / same place but different source – upto 8 hrs.	550.00
	- do - upto 16 hrs.	1100.00
	- do - upto 24 hrs.	1650.00
3.	Flow rate measurement / source - once	400.00
	- do - - every additional	150.00

Note: *(i). Transportation charges will be separate on actuals.*
(ii). Sample analysis charges of respective parameters will be extra as per list.

v. Sampling charges for Soil samples:

Type of sampling	Charges in Rs.
Grab sampling / sample / place	600.00
For additional grab sampling / same place	300.00

Note: *(i). Transportation charges will be separate on actuals.*
(ii). Sample analysis charges of respective parameters will be extra as per list.

vi. Hazardous waste sample collection charges at the premises of industry / import site / disposal site:

Type of sampling	Charges in Rs.
Integrated sample collection charges	1000.00

Note: *(i). Transportation charges will be separate on actuals.*
(ii). Sample analysis charges of respective parameters will be extra as per list.

B. ANALYSIS CHARGES:

1. Analysis charges of ambient Air / Fugitive Emission samples:

S.No.	Parameters (Air)	Charges in Rs.
1.	Ammonia	600.00
2.	Analysis using dragger (per tube)	400.00
3.	Benzene Toluene Xylene (BTX)	1000.00
4.	Carbon monoxide	600.00
5.	Chlorine	600.00
6.	Fluoride (gaseous)	600.00
7.	Fluoride (particulate)	600.00
8.	Hydrogen chloride	600.00
9.	Hydrogen sulphide	600.00
10.	Lead & other metals (per metal)	As mentioned in respective group of clause 5
11.	NO_2	600.00
12.	Ozone	1000.00
13.	Poly Aromatic Hydrocarbons (PAHs)	As mentioned in respective group of clause 5
14.	Suspended Particulate Matter (SPM)	600.00
15.	Particulate Matter ($PM_{2.5}$)	1000.00
16.	Respirable Suspended Particulate Matter (PM_{10})	600.00
17.	Sulphur dioxide	600.00
18.	Volatile organic carbon	2000.00
19.	Trace metals on air filter paper using EDXRF Aluminium, antimony, arsenic, barium, bromine, cadmium, calcium, cesium, chlorine, chromium, cobalt, copper, gallium, germanium, gold, iodine, iron, lanthanum, lead, magnesium, manganese, molybdenum, nickel, palladium, phosphorous, potassium, rubidium, rutherfordium, selenium, silicon, silver, sodium, strontium, sulphur, tellurium, tin, titanium, tungsten, vanadium, Ytterbium and zinc	3000.00 per filter paper
20.	Water extractable ions in air particulate matter using ion chromatograph (IC) i. Processing / pretreatment charge per sample (filter paper) ii. Cations (Na^+, NH_4^+, K^+, Ca^{++}, Mg^{++}) and Anions (F^-, Br^-, Cl^-, NO_3^-, NO_2^-, SO_4^{--} & $PO4^{---}$)	300.00 1200.00 (for 12 ions)
21.	Organic and elemental carbon (OC/EC) on quartz filter paper	2000.00

2. **Analysis charges for Source Emission parameters:**

S.No.	Parameters	Charges in Rs.
1.	Acid mist	600.00
2.	Ammonia	600.00
3.	Carbon monoxide	600.00
4.	Chlorine	600.00
5.	Fluoride (Gaseous)	600.00
6.	Fluorides (particulate)	600.00
7.	Hydrogen chloride	600.00
8.	Hydrogen sulphide	600.00
9.	Oxides of nitrogen	600.00
10.	Oxygen	500.00
11.	Polycyclic Aromatic Hydrocarbons (particulate)	As mentioned in respective group of clause 5
12.	Suspended particulate matter	600.00
13.	Sulphur dioxide	600.00
14.	Benzene Toluene Xylene (BTX)	1500.00
15.	Volatile organic compounds (VOCs)	3000.00

3. **Ambient Air Quality Monitoring using on-line monitoring instruments by Mobile Van:**

Parameters	Charges in Rs.
PM10, PM2.5, SO2, NOx, SPM, CO along with meteorological data viz., temperature, humidity, wind speed, wind direction	Rs.3,500/hour (Min. charges Rs.15,000/-) + Rs.50.00/km. run of the van for 24 hours monitoring

4. **Auto Exhaust Monitoring** – One time checking of vehicular exhaust:

Parameters	Charges in Rs.
Carbon Monoxide %	As per rate notified by Transport Department, Hyderabad
Hydrocarbon, PPM	
Smoke density, HSU	

5. Analysis charges of Water & Wastewater samples:

S.No.	Parameters	Charges in Rs.
	PHYSICAL PARAMETERS	
1.	Conductivity	60.00
2.	Odour	60.00
3.	Sludge volume index (S.V.I.)	200.00
4.	Solids (dissolved)	100.00
5.	Solids (fixed) each	150.00
6.	Solids (volatile) each	150.00
7.	Suspended Solids	100.00
8.	Temperature	60.00
9.	Total solids	100.00
10.	Turbidity	60.00
11.	Velocity of flow (current meter)	200.00
12.	Velocity of flow (others)	550.00
	CHEMICAL PARAMETERS	
13.	Acidity	100.00
14.	Alkalinity	100.00
15.	Ammonical Nitrogen	200.00
16.	Bicarbonate	100.00
17.	Biochemical Oxygen Demand (BOD)	600.00
18.	Bromide	100.00
19.	Calcium (titrimetric)	100.00
20.	Carbon dioxide	100.00
21.	Carbonate	100.00
22.	Chloride	100.00
23.	Chlorine Demand	200.00
24.	Chlorine Residual	100.00
25.	Chemical Oxygen Demand (COD)	350.00
26.	Colour	60.00
27.	Cyanide	350.00
28.	Detergents	200.00
29.	Dissolved oxygen	100.00
30.	Fluoride	200.00
31.	H. Acid	350.00
32.	Hardness (calcium)	100.00
33.	Hardness (total)	100.00
34.	Iodide	100.00
35.	Nitrate Nitrogen	200.00
36.	Nitrite Nitrogen	200.00
37.	Percent sodium	600.00
38.	Permanganate value	200.00
39.	pH	60.00
40.	Phosphate (ortho)	200.00
41.	Phosphate (total)	350.00

S.No.	Parameters	Charges in Rs.
42.	Salinity	100.00
43.	Sodium Absorption Ratio (SAR)	600.00
44.	Settlable solids	100.00
45.	Silica	200.00
46.	Sulphate	150.00
47.	Sulphide	200.00
48.	Total Kjeldahl Nitrogen (TKN)	350.00
49.	Urea Nitrogen	350.00
50.	Cations (Na^+, NH_4^+, K^+, Ca^{++}, Mg^{++}) and Anions (F^-, Br^-, Cl^-, NO_3^-, NO_2^-, SO_4^{--} & $PO4^{---}$) in surface and ground water samples using ion chromatograph	1200.00 for 12 ions
51.	Processing and pretreatment charges for sample	500.00
52.	Aluminium	300.00
53.	Antimony	300.00
54.	Arsenic	300.00
55.	Barium	300.00
56.	Beryllium	300.00
57.	Boron	300.00
58.	Cadmium	300.00
59.	Chromium hexavalent	200.00
60.	Chromium total	300.00
61.	Cobalt	300.00
62.	Copper	300.00
63.	Iron	300.00
64.	Lead	300.00
65.	Magnesium	200.00
66.	Manganese	300.00
67.	Mercury (Processing & Analysis)	800.00
68.	Molybdenum	300.00
69.	Nickel	300.00
70.	Potassium	200.00
71.	Tin	300.00
72.	Selenium	300.00
73.	Silver	300.00
74.	Sodium	200.00
75.	Strontium	300.00
76.	Vanadium	300.00
77.	Zinc	300.00
	Organo chlorine pesticides (OCPs)	
78.	Processing / pretreatment charge per sample	1000.00
79.	Aldrin	400.00
80.	Dicofol	400.00
81.	Dieldrin	400.00
82.	Endosulfan-I	400.00
83.	Endosulfan-II	400.00

S.No.	Parameters	Charges in Rs.
84.	Endosulfan sulfate	400.00
85.	Heptachlor	400.00
86.	Hexachlorobenzene (HCB)	400.00
87.	Methoxy chlor	400.00
88.	*o,p,* DDT	400.00
89.	*p, p'*-DDD	400.00
90.	*p, p'*-DDE	400.00
91.	*p, p'*-DDT	400.00
92.	α-HCH	400.00
93.	β-HCH	400.00
94.	χ-HCH	400.00
95.	δ-HCH	400.00
	Organo Phosphorous Pesticides (OPPs)	
96.	Processing / pretreatment charge per sample	1000.00
97.	Chlorpyriphos	400.00
98.	Dimethoate	400.00
99.	Ethion	400.00
100.	Malathion	400.00
101.	Monocrotophos	400.00
102.	Parathion-methyl	400.00
103.	Phorate	400.00
104.	Phosphamidon	400.00
105.	Profenophos	400.00
106.	Quinalphos	400.00
	Synthetic pyrethroids (SPs)	
107.	Processing / pretreatment charge per sample	1000.00
108.	Deltamethrin	400.00
109.	Fenpropethrin	400.00
110.	Fenvalerate	400.00
111.	α-Cypermethrin	400.00
112.	β-Cyfluthrin	400.00
113.	χ-Cyhalothrin	400.00
	Herbicides	
114.	Processing / pretreatment charge per sample	1000.00
115.	Alachlor	400.00
116.	Butachlor	400.00
117.	Fluchloralin	400.00
118.	Pendimethalin	400.00
	Polycyclic Aromatic Hydrocarbons (PAHs)	
119.	Processing / pretreatment charge per sample	1000.00
120.	Acenaphthene	400.00
121.	Acenaphthylene	400.00
122.	Anthracene	400.00
123.	Benz(a)anthracene	400.00
124.	Benz(a)pyrene	400.00
125.	Benz(b)fluoranthene	400.00

S.No.	Parameters	Charges in Rs.
126.	Benzo(e)pyrene	400.00
127.	Benzo(g,h,i)perylene	400.00
128.	Benzo(k)fluoranthene	400.00
129.	Chrysene	400.00
130.	Dibenzo(a,h)anthracene	400.00
131.	Fluoranthene	400.00
132.	Fluorene	400.00
133.	Indeno(1,2,3-cd)pyrene	400.00
134.	Naphthalene	400.00
135.	Perylene	400.00
136.	Phenanthrene	400.00
137.	Pyrene	400.00
	Polychlorinated Biphenyls (PCBs)	
138.	Processing / pretreatment charge per sample	1000.00
139.	Aroclor 1232	400.00
140.	Aroclor 1242	400.00
141.	Aroclor 1248	400.00
142.	Aroclor 1254	400.00
143.	Aroclor 1260	400.00
144.	Aroclor 1262	400.00
	Tri Halo Methane (THM)	
145.	Processing / pretreatment charge per sample	800.00
146.	Bromo dichloromethane	400.00
147.	Bromoform	400.00
148.	Chloroform	400.00
149.	Dibromo chloromethane	400.00
	Other organic parameter	
150.	Adsorbable organic halogen (AOX)	2000.00
151.	Tannin / Lignin	350.00
152.	Oil & Grease	200.00
153.	Phenol	200.00
154.	Total organic carbon (TOC)	500.00
155.	Volatile organic acids	350.00
	BIOLOGICAL TEST	
156.	Bacteriological sample collection	200.00
157.	Benthics organism identification & count (each sample)	600.00
158.	Benthics organism sample collection	1000.00
159.	Chlorophyll Estimation	600.00
160.	E.Coli (MFT technique)	400.00
161.	E.Coli (MPN technique)	350.00
162.	Faecal Coliform (MFT technique)	400.00
163.	Faecal Coliform (MPN technique)	350.00
164.	Faecal Streptococci (MFT technique)	450.00
165.	Faecal Streptococci (MPN technique)	400.00

S.No.	Parameters	Charges in Rs.
166.	Plankton sample collection	250.00
167.	Plankton (phytoplankton) count	600.00
168.	Plankton (zooplankton) count	600.00
169.	Standard Plate Count	200.00
170.	Total Coliform (MFT technique)	400.00
171.	Total Coliform (MPN technique)	350.00
172.	Total plate count	350.00
173.	Toxicological – Bio-assay (LC_{50})	2800.00
174.	Toxicological – Dimensionless toxicity Test	1600.00

Note: *(i). Sampling charges for water and wastewater samples will be additional as per list, but subject to min. of Rs.500/- irrespective of number of samples.*

(ii) Transportation charges will be additional on actual basis.

6. Analysis charges of Soil samples:

S.No.	Soil Parameters	Charges in Rs.
1.	Ammonia	300.00
2.	Bicarbonate	200.00
3.	Boron	400.00
4.	Calcium	150.00
5.	Calcium carbonate	350.00
6.	Cation Exchange capacity (CEC)	400.00
7.	Chloride	150.00
8.	Colour	100.00
9.	Electrical conductivity (EC)	100.00
10.	Exchangeable sodium percentage (ESP)	550.00
11.	Gypsum requirement	350.00
12.	H.Acid	400.00
13.	Heavy metal	As mentioned in respective group at Clause 5
14.	Trace metals on air filter paper using EDXRF Aluminium, antimony, arsenic, barium, bromine, cadmium, calcium, cesium, chlorine, chromium, cobalt, copper, gallium, germanium, gold, iodine, iron, lanthanum, lead, magnesium, manganese, molybdenum, nickel, palladium, phosphorous, potassium, rubidium, rutherfordium, selenium, silicon, silver, sodium, strontium, sulphur, tellurium, tin, titanium, tungsten, vanadium, Ytterbium and zinc	4000.00
15.	Magnesium	300.00
16.	Mechanical soil analysis (soil texture)	150.00
17.	Nitrate	300.00
18.	Nitrite	300.00
19.	Nitrogen available	350.00
20.	Organic carbon / matter (chemical method)	350.00
21.	Polycyclic aromatic hydrocarbons (PAHs)	As mentioned in respective group at Clause 5

S.No.	Soil Parameters	Charges in Rs.
22.	Polychlorinated Biphenyls (PCBs)	As mentioned in respective group at Clause 5
23.	Pesticides (each)	As mentioned in respective group at Clause 5
24.	pH	100.00
25.	Phosphorous (available)	400.00
26.	Phosphate (ortho)	300.00
27.	Phosphate (total)	400.00
28.	Potash (available)	200.00
29.	Potassium	300.00
30.	SAR in soil extract	650.00
31.	Sodium	300.00
32.	Soil moisture	100.00
33.	Sulphate	200.00
34.	Sulphur	350.00
35.	TKN	400.00
36.	TOC	550.00
37.	Total water soluble salts	200.00
38.	Water holding capacity	100.00

Note: *(i). Sampling charges for soil samples shall be as per list.*
(ii). Transportation charges will be additional on actual basis.

7. Analysis charges for Hazardous waste samples

S.No.	Parameters	Charges in Rs.
1.	Preparation of Leachate (TCLP extract / Water extract)	1000.00
2.	Determination of various parameters in Leachate	As mentioned in respective group at Clause 5
3.	Flash point / ignitibility	550.00
4.	Reactivity	550.00
5.	Corrosivity	550.00
6.	Measurement of toxicity	
	- LC_{50}	2800.00
	- Dimensionless toxicity	1600.00
7.	Total organic carbon	500.00
8.	Adsorbable organic halogen (AOX)	2000.00

8. AQC Participation Fees:- To be charged by TSPCB from recognized laboratories for analytical quality control exercise

S.No.	Parameters	Charges in Rs.
1.	Laboratories of Govt. / Semi Govt. / Public Sector Undertaken / Autonomous bodies	10,000.00
2.	Private sector laboratories	15,000.00

RAJESHWAR TIWARI,
Principal Secretary to Government.

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